

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	71	("20010011543"   "20020055757"   "20020099439"   "20030040808"   "20030191476"   "20040044353"   "20040044354"   "20040044357"   "20040082963"   "20040092892"   "20040107004"   "4246893"   "4315509"   "4403604"   "4416267"   "4441215"   "4607618"   "4641653"   "4694827"   "4723547"   "4846836"   "4899747"   "5163952"   "5211658"   "5234454"   "5246456"   "5259399"   "5290217"   "5306300"   "5314473"   "5327914"   "5345949"   "5405377"   "5514176"   "5593434"   "5653743"   "5662713"   "5674241"   "5709657"   "5720776"   "5749918"   "5771903"   "5820584"   "5861036"   "5868141"   "5887594"   "5922019"   "5993483"   "6102922"   "6113609"   "6146416"   "6159238"   "6254642"   "6258120"   "6264700"   "6302917"   "6448383"   "6503264"   "6540789"   "6544291"   "6547801"   "6558400"   "6558429"   "6572627"   "6572629"   "6575896"   "6596023"   "6663639"   "6740121"   "6746460"   "6764518"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 09:58
S1	2	(("20060212114") or ("6610071")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/18 09:40

S2	54	"4702250"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/18 09:42
S3	1	("4702250").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/18 09:42
S4	1	("20060212114").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/21 14:56
S5	1	("20060212114").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/31 09:43
S6	1	("4,702,250").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/31 10:13
S7	1	("6610071").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/17 11:22
S8	1	("20040106949").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/17 11:23
S9	1514	(606/139).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 12:06
S10	91	S9 and annulus	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 12:07
S11	64	("3552626"   "3561448"   "3946740"   "4027608"   "4235177"   "4294255"   "4350160"   "4406237"   "4414908"   "4417532"   "4437465"   "4465070"   "4484580"   "4552148"   "4553544"   "4557265"   "4702250"   "4747358"   "4766898"   "4841888"   "4898155"   "4899746"   "4927428"   "4990153"   "5037021"   "5080663"   "5084058"   "5152769"   "5163946"   "5180392"   "5196023"   "5290298"   "5304220"   "5308353"   "5332402"   "5336233"   "5374275"   "5387221"   "5397325"   "5403328"   "5470337"   "5545214"   "5549122"   "5571215"   "5575800"   "5591180"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 13:19

		"5630825"   "5682906"   "5755730"   "5792153"   "5799661"   "5814005"   "5860990"   "5860992"   "6030370"   "6030392"). PN. OR ("6464707").URPN.				
S12	1	("6629534").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 13:50
S13	528	retractor same suture	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 13:51
S14	77	S13 and (annulus annuloplasty (mitral adj valve))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 13:52
S15	74	S14 not (S10 S11)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 13:52
S16	2196	(606/148,232).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 14:35
S17	97	S16 and (annulus annuloplasty)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 14:36
S18	64	S17 not (S14 S10 S11)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 14:36
S19	521	(623/2.36,2.37).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 15:00
S20	268	S19 and retract\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 15:00
S21	110	S20 and ((reduc\$3 decreas \$3) with (diameter opening))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 15:01
S22	158	S20 not S21	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 16:02
S23	1	("7442207").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 16:07

S24	14	("20020002401"   "20040260394"   "20060241748"   "20070093869"   "4887601"   "5246443"   "5342396"   "5690670"   "5728068"   "6231561"   "6348064"   "6565603"   "6932838"   "7288097"). PN. OR ("7442207").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 16:08
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S30	1	("5695504").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 16:38
S31	1	("6770083").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 16:40
S32	1	("6269819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 16:41
S33	525	(623/2.36,2.37).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 13:11
S34	271	S33 and retract\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 13:11
S35	110	S34 and ((reduc\$3 decreas \$3) with (diameter opening))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 13:11
S36	161	S34 not S35	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 13:11
S37	254	S33 not (S34 S35 S36)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 13:11
S38	289	(606/216).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 13:56
S39	289	S38 not S33	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 13:57
S40	2623	(606/139,144,148).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 14:17
S41	186	S40 and (annulus annuloplasty (mitral adj valve))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:18

S42	1517	(606/139).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 14:18
S43	93	S42 and annulus	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 14:18
S44	2508	S40 not (S43 S33 S38)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:18
S45	88	S41 not (S43 S33 S38)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:19
S46	715	S40 and friction	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:33
S47	5	S40 and (friction same (surface near2 irregular \$5))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:33
S48	41	S40 and (friction same (grip))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:45
S49	15	S40 and (friction with (grip))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:45
S50	53	S40 and (friction with (coating irregularities teeth corrugation))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:49
S51	3	S40 and ((friction with (coating irregularities teeth corrugation)) with (end tip effector))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:50
S52	17	S40 and (friction with (tissue) with (end tip effector))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 14:52
S53	736	S40 and (suture near2 loop)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 15:01
S54	416	S40 and (suture adj loop)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 15:01
S55	130	S54 and (annulus valve annuloplasty)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 15:01
S56	99	S55 not (S43 S33 S38)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 15:02

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